Wa 6906
8.21.83
Lb

BACKGROUND WELL LOCATION

No. Background

SWEET, EDWARDS & ASSOCIATES, INC.
WELL DATA

Project Pacific Wood

Owner (b) (6)
Address RIDGEFIELD, WA
Tenant
Address

State No. 4N/1E-20 acd
Other No. 29

Type of Well: Hydrograph ☐ Key ☐ Index ☐ Semiannual ☐ Quality ☐
Location: County CLARK Co. Basin No.
U.S.G.S. Quad. Ridgefield Quad. No.
SE ¼ NE ¼ Section 20, Twp. 4, Rge. 1 Will. Meridian
Description

Reference Point description

which is 0.5 ft. above / below land surface. Ground Elevation 270 ft.
Reference Point Elev. ft. Determined from U.S.G.S. QUAD.
Well: Use DOMESTIC Condition IN USE Depth 283 ft.
Casing, size 6 in., perforations

Measurements By: DWR ☐ USGS ☐ USBR ☐ County ☐ Irr. Dist. ☐ Water Dist. ☐ Cons. Dist. ☐ Other ☐
Chief Aquifer: Name Depth to Top Aq. Depth to Bot. Aq.
Type of Material Perm. Rating Thickness
Gravel Packed? Yes ☐ No ☐ Depth to Top Gr. Depth to Bot. Gr.
Supp. Aquifer Depth to Top Aq. Depth to Bot. Aq.
Driller
Date drilled Log, filed open (1) confidential (2)
Equipment: Pump, type make
Serial No. Size of discharge pipe in.
Power, Kind Make
H. P. Motor Serial No.
Elec. Meter No. Transformer No.
Yield G.P.M. Pumping level ft.

Water Analysis: Min. (1) San. (2) H.M. (3)
Water Levels available: Yes (1) No
Period of Record: Begin End
Collecting Agency:
Prod. Rec. (1) Pump Test (2) Yield (3)

SKETCH

(b) (6)

N

WELL

(b) (6)

REMARKS

D.T.W. 212.3', 8/21/83 - PUMPING LEVEL DURING PASTURE IRRIGATION.

WELL HOUSE

(b) (6)

(b) (6)

Recorded by:
Date 8/21/83

File Original and First Copy with the Division of Water Management
Second Copy — Owner's Copy
Third Copy — Driller's Copy

WATER WELL REPORT
STATE OF WASHINGTON

Application No. _____
Permit No. ____

(1) OWNER: Name (b) (6) Ridgefield, Wa

(2) LOCATION OF WELL: County Clark SE ¼ NE ¼ Sec. 20 T. 4 N., R. 1 W.M.

Bearing and distance from section or subdivision corner

(3) PROPOSED USE: Domestic ☒ Industrial ☐ Municipal ☐
Irrigation ☐ Test Well ☐ Other ☐

(4) TYPE OF WORK: Owner's number of well (if more than one) ....
New well ☒ Method: Dug ☐ Bored ☐
Deepened ☐ Cable ☒ Driven ☐
Reconditioned ☐ Rotary ☐ Jetted ☐

(5) DIMENSIONS: Diameter of well 6 inches.
Drilled 283 ft. Depth of completed well 279 ft.

(6) CONSTRUCTION DETAILS:
Casing installed: 6 " Diam. from 0 ft. to 264 ft.
Threaded ☐ " Diam. from ft. to ft.
Welded ☒ " Diam. from ft. to ft.

Perforations: Yes ☐ No ☒
Type of perforator used
SIZE of perforations in. by in.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.

Screens: Yes ☒ No ☐ JOP JOHNSON
Manufacturer's Name
Type Stainless steel Model No. 304
Diam. 6 Slot size 15 from 263 ft. to 273-8 ft.
Diam. 5" Slot size 30 from 273-8 ft. to 279 ft.
Riser-equals-5'-5", Screen=15'-11"

Gravel packed: Yes ☐ No ☐ Size of gravel:
Gravel placed from ft. to ft.

Surface seal: Yes ☒ No ☐ To what depth? 20 ft.
Material used in seal Bentonite
Did any strata contain unusable water? Yes ☐ No ☐
Type of water? Depth of strata
Method of sealing strata off

(7) PUMP: Manufacturer's Name Sta-Rite
Type: Submersible H.P. 5

(8) WATER LEVELS: Land-surface elevation above mean sea level .... ft.
Static level 196 ft. below top of well Date 3/3/73
Artesian pressure lbs. per square inch Date
Artesian water is controlled by (Cap, valve, etc.)

(9) WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? Yes ☒ No ☐ If yes, by whom? Miller
Yield: 30 gal./min. with 24 ft. drawdown after 4 hrs.
" " " "
" " " "

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

Time	Water Level	Time	Water Level	Time	Water Level
0:00	220'				
2:00	198'				
3:00	196'				

Date of test 3/3/73
Bailer test 15 gal./min. with 21 ft. drawdown after 4 hrs.
Artesian flow g.p.m. Date
Temperature of water 51 Was a chemical analysis made? Yes ☐ No ☐

(10) WELL LOG:

Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

MATERIAL	FROM	TO
Topsoil	0	2'
Brown Clay	2	21'
Brown, yellow and gray clay	21'	44'
Brown clay	44'	50'
Dark brown clay	50'	81'
Brown cemented sand with multi-colored clay seams.	81'	93'
Cemented brown sand & gravel	93'	134'
Cemented gray sand & gravel with scattered boulders	134'	184'
Cemented brown sand with clay binder	184	247'
Dark brown cemented sand	247'	259'
Water bearing fine brown cemented sand	259'	273'
Water bearing coarse yellow sand and gravel	273	279'
Brown clay	279	281'
Blue clay	281'	283'

Work started 1/27 19 73 Completed 3/3 19 73

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME Morris Drilling and Pump Co. Inc
(Person, firm, or corporation) (Type or print)

Address 2009 NE 117th St., Vancouver, WN

[Signed] Jack M. Morris
(Well Driller)

License No. 223 02 8129 Date March 5, 19 73

(USE ADDITIONAL SHEETS IF NECESSARY)

S. F. No. 7356—OS—(Rev. 5-69)—5-69.

SIGNED WELL ACCESS AGREEMENTS

AUGUST 18, 1983

PACIFIC WOOD TREATING CORPORATION IS HEREBY GRANTED PERMISSION TO SAMPLE MY WELL AT (b) (6) RIDGEFIELD, WASHINGTON.

SUCH SAMPLING TO BE ON AN INTERMITTENT BASIS AT NO COST TO ME. COPIES OF TEST RESULTS ARE TO BE FURNISHED TO ME AT NO COST.

DURATION OF THIS AGREEMENT IS FOR THIRTY YEARS OR LESS.

SIGNED Elmer C Muffett ELMER C. MUFFETT
OWNER

AMERICAN COLLOID COMPANY

5100 SUFFIELD COURT
SKOKIE, ILLINOIS 60077

ENGINEERING REPORT
Soil Analysis

Date July 27, 1983

Sample Identification: SAMPLE #2 - BH-2
IND. WASTE LAGOON - LONGVIEW, WA.

Submitted By: FOUNDATION ENGRS.

Sample submitted is determined to have the following analysis:

% Retained on 325 mesh (wet screening)	33.0
Voids in Retained Soil	42.1
% Clay-Silt Fines passing 325 mesh	67.0
Voids Filled by Natural Clay-Silt Fines	All
Net Voids	None

The analysis indicates that the Volclay should be applied at a minimum rate of 2.0 pounds per square foot as a 4 inch thick mixed blanket compacted at optimum moisture to a minimum of 90% of Standard Proctor to attain a permiability coefficient of 1×10^{-7} cm/sec.

To compensate for mechanical imperfections in placement of material and minor variations in soil characteristics, a safety factor is included in the recommended application rate below.

$\frac{1 \times 10^{-8}}{2.4}$

RECOMMENDATIONS:

Recommended application rate is 2.5 lbs./sq. ft.

Recommended Grade: SALINE SEAL 100

3.0

Comments:

Lab Report No. 3307-2

Analyst M. Murray

DI:

SW:

SCI:

COND. 26

SAR 12-80